Service CreateEmployment20110401

Navn

Web Service: CreateEmployment20180101
Operation: CreateEmployment20180101

Formål

Formålet med denne operation er at kunne oprette en person med et tilhøren-de ansættelsesforhold i SD Løn. Ansættelsesforholdet oprettes med statusko-de 0 "Ansat ikke i løn".

Adgang

For at få adgang til servicen:

Kontakt jeres kundeansvarlig ved Silkeborg Data for afklaring og udarbejdelse af kontrakt, hvorefter der oprettes en systembruger til brug for kald af denne service.

Tilgang

Metoden stilles til rådighed via HTTP transport protokol over en sikker forbin-delse (SSL). Der anvendes XML-baseret SOAP protokol, så kommunikationen sker via XML. Service description sker via generet WSDL.

Der anvendes HTTP Basic-autentifikation, hvilket betyder, at brugernavn og adgangskode skal angives i HTTP header. Bemærk at "sy" skal være foranstil-let brugernavnet.

Metoden samt request af WSDL kan også manuelt udføres via
https://service.sd.dk/sdws

WSDL'en kan også læses direkte fra et udviklingsværktøj:
https://service.sd.dk/sdws/xml/schema/sd.dk/xml.wsdl/20180101/CreateEmployment.wsdl

Input

Følgende input parameter kan angives:

XML navn	Beskrivelse
InstitutionIdentifier	Entydig identifikation på en institution.
InstitutionUUIDIdentifier	Entydig UUID til identifikation af insti-tution i SD Løn. *InstitutionUUIDIdentifier kan anven-des i stedet for InstitutionIdentifier.*
PersonCivilRegistrationIdentifier	Personens CPR-nummer I Silkeborg Løn findes feltet "CPR-nummer" på billede 101 side 1 og i SD PersonaleWEB findes feltet "Cpr-nr."

	under fanebladet "Person".
DepartmentIdentifier	Identifikation af ansættelsesafdeling. I Silkeborg Løn findes feltet "Afdeling" på billede 101 side 1 og på SD PersonaleWEB findes feltet "Arbejdssted" under fanebladet "Ansættelse".
DepartmentUUIDIdentifier	Entydig UUID til identifikation af en afdeling i SD Løn. *DepartmentUUIDIdentifier kan anvendes i stedet for DepartmentIdentifier.*
JobPositionIdentifier	Identifikation af en ansættelsesstilling. I Silkeborg Løn findes feltet "Stilling" på billede 101 side 1 og på SD PersonaleWEB findes feltet "Stillingskode" under fanebladet "Ansættelse".
SalariedIndicator	Angiver månedsløn eller timeløn. Indicator sat til (true) = Månedsløn på fuldtid eller Månedsløn på deltid - hhv. kode 0 og 1 i Silkeborg Løn. Indicator sat til (false) = Timeløn uden automatisk løntrinsstigning – kode 2 i Silkeborg Løn I Silkeborg Løn findes feltet "deltidsbeskæftigelseskode" på billede 101 side 1 og på SD PersonaleWEB findes feltet "Timer" under fanebladet "Ansættelse". Månedsløn eller timeløn angives her lige efter personens navn.
SalaryHourQuantity	Løntimer: Angives altid pr. uge. Kan max sættes til 48 timer og timer over 37 sættes automatisk til 37 timer Attribut kan evt. angives: periodeCode="week". I Silkeborg Løn findes feltet "løndecimal" på billede 101 side 1 og på SD PersonaleWEB findes feltet "Timer" under fanebladet "Ansættelse".
PerformedHourQuantity	Præsterede timer: Tiltræder den ansatte på en anden dag end den 1. i måneden kan præsterede timer (a conto timer) angives i feltet "præsterede timer". Kan max sættes til 160,33 timer. I Silkeborg Løn findes feltet "a conto

	timer" på billede 101 side 1 og på SD PersonaleWEB findes feltet "Præsterede timer" under fanebladet "Ansættelse".
ActivationDate	Ansættelsesdato (tiltrædelsesdato)
DeactivationDate	Hvis feltet udfyldes med datoen for fratrædelse oprettes der en tidsbegrænset ansættelse.
CommentText	Kommentar felt. Denne kommentar medtages i mail'en der sendes til lønkontoret. Kommentaren vil kunne ses i SD PersonaleWEB. Der kan max angives 6000 tegn.

Felter med fed skrift skal altid være udfyldt

Oplysninger om personen hentes hhv. fra CPR-register eller Serviceplatform – alt efter hvad den enkelte institution har valgt af opsætning

Mail til Lønkontoret kan fravælges via Produktbestillinger, billede 644 i System Silkeborg Løn.

Skema dokumentation : Input

Output

Følgende oplysninger returneres:

XML navn	Beskrivelse
creationTime (Attribut på grundelement)	Viser kørselstidspunktet.
RequestStructure	Indeholder input.
PersonCivilRegistrationIdentifier	CPR-nummer. I Silkeborg Løn findes feltet "CPR-nummer" på billede 101 side 1 og i SD PersonaleWEB findes feltet "Cpr-nr." under fanebladet "Person".
PersonGivenName	Fornavn til en person I Silkeborg Løn findes feltet "Navn" på billede 101 side 1 og i SD PersonaleWEB findes feltet "Navn" under fanebladet "Person".
PersonSurnameName	Efternavn til en person I Silkeborg Løn findes feltet "Navn" på billede 101 side 1 og i SD PersonaleWEB findes feltet "Navn" under fanebladet "Person".
EmploymentIdentifier	Entydig identifikation for et ansættelsesforhold indenfor en given institution.

	I Silkeborg Løn findes feltet "Tjeneste-nummer" på billede 101 side 1 og i SD PersonaleWEB findes feltet "Tj.nr." i den øverste linje.
EmploymentDate	Ansættelsesdato for en ansat. I Silkeborg Løn findes feltet "Ansættelsesdato" på billede 101 side 1 og i SD PersonaleWEB findes feltet "Oplysninger pr." under fanebladet "Ansættelse".

I tilfælde af fejl returneres SOAP Fault Element

Skema dokumentation : Output

Eksempel

Input:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:urn="urn:oio:sd:snitflader:2018.01.01"
xmlns:urn1="urn:oio:sd:snitflader:2011.12.01" xmlns:urn2="urn:oio:sd:snitflader:2017.08.01"
xmlns:ns="http://rep.oio.dk/cpr.dk/xml/schemas/core/2005/03/18/" xmlns:ns1="http://rep.oio.dk/sd.dk/xml.schema/20070401/"
xmlns:ns2="http://rep.oio.dk/sd.dk/xml.schema/20110401/" xmlns:ns3="http://rep.oio.dk/sd.dk/xml.schema/20070301/">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:CreateEmployment>
      <!--You have a CHOICE of the next 2 items at this level-->
      <urn1:InstitutionIdentifier>7T</urn1:InstitutionIdentifier>
      <!--<urn2:InstitutionUUIDIdentifier>7070494e-051d-4b00-a800-000001350003</urn2:InstitutionUUIDIdentifier>-->
      <ns:PersonCivilRegistrationIdentifier>251099xxxx</ns:PersonCivilRegistrationIdentifier>
      <!--You have a CHOICE of the next 2 items at this level-->
      <urn1:DepartmentIdentifier>5904</urn1:DepartmentIdentifier>
      <!--<urn2:DepartmentUUIDIdentifier>2569460b-e24b-4c00-9000-0000014a0001</urn2:DepartmentUUIDIdentifier>-->
      <urn1:JobPositionIdentifier>5548</urn1:JobPositionIdentifier>
      <ns1:SalariedIndicator>true</ns1:SalariedIndicator>
      <urn:SalaryHourQuantity>32.00</urn:SalaryHourQuantity>
      <!--<ns2:PerformedHourQuantity>120..00</ns2:PerformedHourQuantity>-->
      <ns3:ActivationDate>2018-07-01</ns3:ActivationDate>
      <!--<ns3:DeactivationDate>2018-12-31</ns3:DeactivationDate>-->
      <ns2:CommentText>Ny CreateEmployment</ns2:CommentText>
    </urn:CreateEmployment>
  </soapenv:Body>
</soapenv:Envelope>
```

Output:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <sd:CreateEmployment20180101 xsi:schemaLocation="urn:oio:sd:snitflader:2018.01.01
https://service.sd.dk/sdws/xml/schema/sd.dk/xml.schema/20180101/CreateEmployment/SD_CreateEmploymentOutputInterface
_20180101.xsd" creationDateTime="2018-06-27T09:18:23" xmlns:sd20070401="http://rep.oio.dk/sd.dk/xml.schema/20070401/"
xmlns:sd="urn:oio:sd:snitflader:2018.01.01" xmlns:sd20111201="urn:oio:sd:snitflader:2011.12.01"
xmlns:dkcc20050213="http://rep.oio.dk/ebxml/xml/schemas/dkcc/2003/02/13/"
xmlns:cpr20050318="http://rep.oio.dk/cpr.dk/xml/schemas/core/2005/03/18/"
xmlns:sd20110401="http://rep.oio.dk/sd.dk/xml.schema/20110401/"
xmlns:sd20070301="http://rep.oio.dk/sd.dk/xml.schema/20070301/" xmlns:sd20170801="urn:oio:sd:snitflader:2017.08.01">
      <sd:RequestStructure>
        <sd20111201:InstitutionIdentifier>7T</sd20111201:InstitutionIdentifier>
        <cpr20050318:PersonCivilRegistrationIdentifier>251099xxxx</cpr20050318:PersonCivilRegistrationIdentifier>
        <sd20111201:DepartmentIdentifier>5904</sd20111201:DepartmentIdentifier>
        <sd20111201:JobPositionIdentifier>5548</sd20111201:JobPositionIdentifier>
        <sd20070401:SalariedIndicator>true</sd20070401:SalariedIndicator>
        <sd:SalaryHourQuantity>32.00</sd:SalaryHourQuantity>
        <sd20070301:ActivationDate>2018-07-01</sd20070301:ActivationDate>
        <sd20110401:CommentText>Ny CreateEmployment</sd20110401:CommentText>
      </sd:RequestStructure>
      <sd:Person>
        <cpr20050318:PersonCivilRegistrationIdentifier>251099xxxx</cpr20050318:PersonCivilRegistrationIdentifier>
        <dkcc20050213:PersonGivenName>Lukas Højer</dkcc20050213:PersonGivenName>
```

```xml
                                <dkcc20050213:PersonSurnameName>Larsen</dkcc20050213:PersonSurnameName>
                                <sd:Employment>
                                        <sd20111201:EmploymentIdentifier>00127</sd20111201:EmploymentIdentifier>
                                        <sd20070401:EmploymentDate>2018-07-01</sd20070401:EmploymentDate>
                                </sd:Employment>
                        </sd:Person>
                </sd:CreateEmployment20180101>
        </soapenv:Body>
</soapenv:Envelope>
```

Soap fault

Alle fejl returneres som soap fault. Fx. hvis afdelingskoden ikke findes for den pågældende institution:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<Envelope>
 <Body>
  <Fault>
   <faultcode>soapenv:soapenvClient.ParameterError</faultcode>
   <faultstring>The stated  DepartmentIdentifier 04FH   does not exist</faultstring>
   <faultactor>dk.sd.sdws.BusinessHandler.CreateEmployment20180101BO</faultactor>
   <detail>
     <string>Missing or invalid parameter from client: "The stated  DepartmentIdentifier: 04FH
does not exist"</string>
   </detail>
  </Fault>
 </Body>
</Envelope>
```
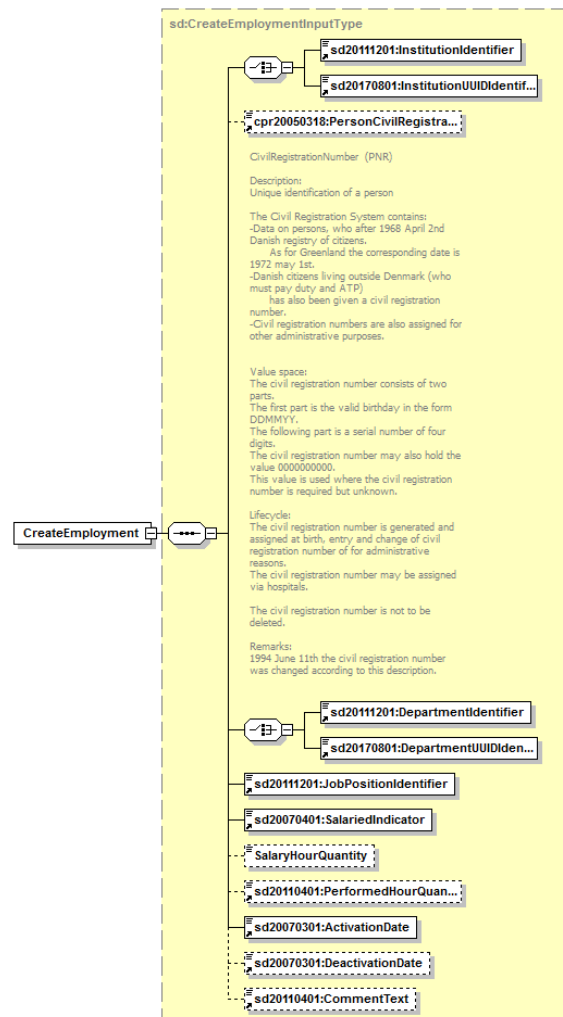
Skema dokumentation : Input

Schema **SD_CreateEmploymentInputInterface_20180101.xsd**
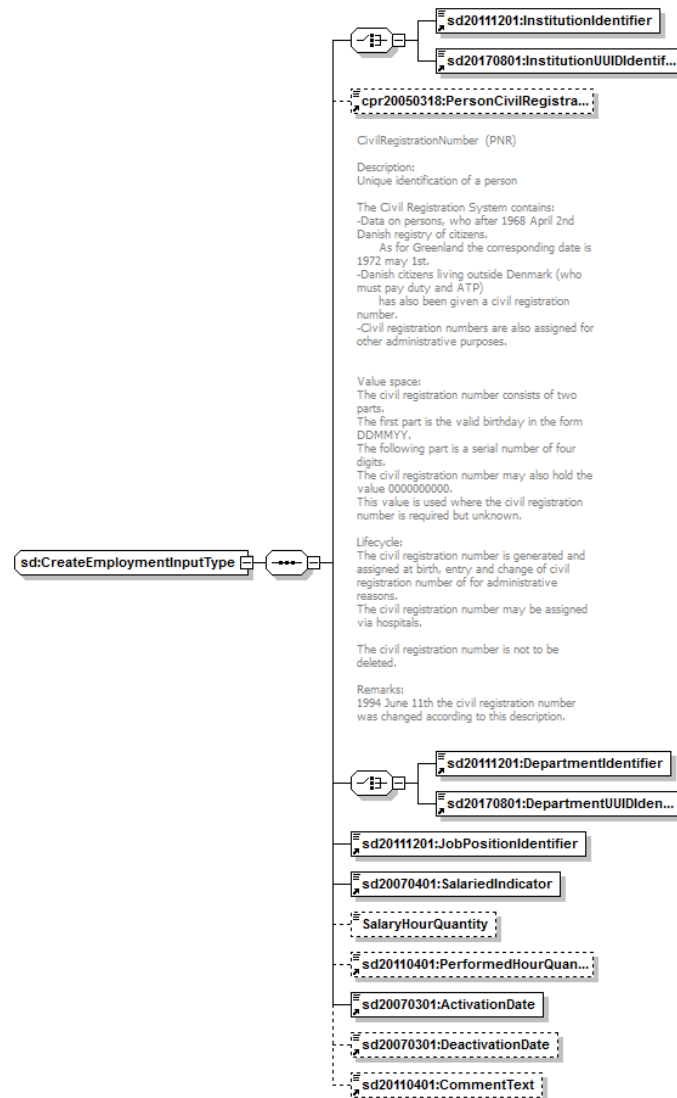
element **CreateEmployment**

diagram

namespace   urn:oio:sd:snitflader:2018.01.01

Source   <element name="CreateEmployment" type="sd:CreateEmploymentInputType"/>
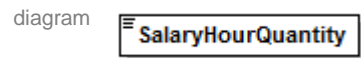
complexType **sd:CreateEmploymentInputType**

diagram

sd:CreateEmploymentInputType

sd20111201:InstitutionIdentifier
sd20170801:InstitutionUUIDIdentif...

cpr20050318:PersonCivilRegistra...

CivilRegistrationNumber (PNR)

Description:
Unique identification of a person

The Civil Registration System contains:
-Data on persons, who after 1968 April 2nd
Danish registry of citizens.
    As for Greenland the corresponding date is
1972 may 1st.
-Danish citizens living outside Denmark (who
must pay duty and ATP)
    has also been given a civil registration
number.
-Civil registration numbers are also assigned for
other administrative purposes.

Value space:
The civil registration number consists of two
parts.
The first part is the valid birthday in the form
DDMMYY.
The following part is a serial number of four
digits.
The civil registration number may also hold the
value 0000000000.
This value is used where the civil registration
number is required but unknown.

Lifecycle:
The civil registration number is generated and
assigned at birth, entry and change of civil
registration number of for administrative
reasons.
The civil registration number may be assigned
via hospitals.

The civil registration number is not to be
deleted.

Remarks:
1994 June 11th the civil registration number
was changed according to this description.

sd20111201:DepartmentIdentifier
sd20170801:DepartmentUUIDIden...

sd20111201:JobPositionIdentifier

sd20070401:SalariedIndicator

SalaryHourQuantity

sd20110401:PerformedHourQuan...

sd20070301:ActivationDate

sd20070301:DeactivationDate

sd20110401:CommentText

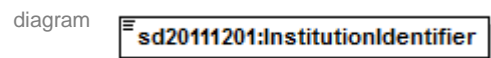namespace   urn:oio:sd:snitflader:2018.01.01

source   ```xml
<complexType name="CreateEmploymentInputType">
 <sequence>
  <choice>
   <element ref="sd20111201:InstitutionIdentifier"/>
   <element ref="sd20170801:InstitutionUUIDIdentifier"/>
  </choice>
  <element ref="cpr20050318:PersonCivilRegistrationIdentifier" minOccurs="0"/>
  <choice>
   <element ref="sd20111201:DepartmentIdentifier"/>
   <element ref="sd20170801:DepartmentUUIDIdentifier"/>
  </choice>
  <element ref="sd20111201:JobPositionIdentifier"/>
  <element ref="sd20070401:SalariedIndicator"/>
  <element name="SalaryHourQuantity" type="sd20070401:HourQuantityStructureType" minOccurs="0"/>
  <element ref="sd20110401:PerformedHourQuantity" minOccurs="0"/>
  <element ref="sd20070301:ActivationDate"/>
  <element ref="sd20070301:DeactivationDate" minOccurs="0"/>
  <element ref="sd20110401:CommentText" minOccurs="0"/>
 </sequence>
</complexType>
```

## element **sd:CreateEmploymentInputType/SalaryHourQuantity**

diagram



namespace    urn:oio:sd:snitflader:2018.01.01

facets    minInclusive    0.00
          fractionDigits    2

source    `<element name="SalaryHourQuantity" type="sd20070401:HourQuantityStructureType" minOccurs="0"/>`

## element **sd20170801:InstitutionUUIDIdentifier**

diagram



namespace    urn:oio:sd:snitflader:2017.08.01

source    `<element name="InstitutionUUIDIdentifier" type="sd20111201:UUIDIdentifierType"/>`

## element **sd20111201:InstitutionIdentifier**

diagram

namespace    urn:oio:sd:snitflader:2011.12.01

source    `<element name="InstitutionIdentifier" type="sd20111201:InstitutionIdentifierType"/>`

## simpleType **sd20111201:InstitutionIdentifierType**

namespace    urn:oio:sd:snitflader:2011.12.01

source    `<simpleType name="InstitutionIdentifierType">`
       `<restriction base="xsd:string"/>`
     `</simpleType>`

element **cpr20050318:PersonCivilRegistrationIdentifier**

diagram

cpr20050318:PersonCivilRegistra...

CivilRegistrationNumber  (PNR)

Description:
Unique identification of a person

The Civil Registration System contains:
-Data on persons, who after 1968 April 2nd
Danish registry of citizens.
    As for Greenland the corresponding date is
1972 may 1st.
-Danish citizens living outside Denmark (who
must pay duty and ATP)
    has also been given a civil registration
number.
-Civil registration numbers are also assigned for
other administrative purposes.

Value space:
The civil registration number consists of two
parts.
The first part is the valid birthday in the form
DDMMYY.
The following part is a serial number of four
digits.
The civil registration number may also hold the
value 0000000000.
This value is used where the civil registration
number is required but unknown.

Lifecycle:
The civil registration number is generated and
assigned at birth, entry and change of civil
registration number of for administrative
reasons.
The civil registration number may be assigned
via hospitals.

The civil registration number is not to be
deleted.

Remarks:
1994 June 11th the civil registration number
was changed according to this description.

namespace   http://rep.oio.dk/cpr.dk/xml/schemas/core/2005/03/18/

facets      pattern   ((((0[1-9]|1[0-9]|2[0-9]|3[0-1])(01|03|05|07|08|10|12))|((0[1-9]|1[0-9]|2[0-9]|30)(04|06|09|11))|((0[1-9]|1[0-9]|2[0-9])(02)))[0-9]{6})|0000000000

source   `<element name="PersonCivilRegistrationIdentifier" type="cpr:PersonCivilRegistrationIdentifierType">`
`</element>`

## simpleType **cpr20050318:PersonCivilRegistrationIdentifierType**

namespace   http://rep.oio.dk/cpr.dk/xml/schemas/core/2005/03/18/

facets   pattern   ((((0[1-9]|1[0-9]|2[0-9]|3[0-1])(01|03|05|07|08|10|12))|((0[1-9]|1[0-9]|2[0-9]|30)(04|06|09|11))|((0[1-9]|1[0-9]|2[0-9])(02)))[0-9]{6})|0000000000

source   `<simpleType name="PersonCivilRegistrationIdentifierType">`
  `<restriction base="string">`
   `<pattern value="((((0[1-9]|1[0-9]|2[0-9]|3[0-1])(01|03|05|07|08|10|12))|((0[1-9]|1[0-9]|2[0-9]|30)(04|06|09|11))|((0[1-9]|1[0-9]|2[0-9])(02)))[0-9]{6})|0000000000"/>`
  `</restriction>`
`</simpleType>`

## element **sd20170801:DepartmentUUIDIdentifier**

diagram



sd20170801:DepartmentUUIDIden...

namespace   urn:oio:sd:snitflader:2017.08.01

source   `<element name="DepartmentUUIDIdentifier" type="sd20111201:UUIDIdentifierType"/>`

## element **sd20111201:DepartmentIdentifier**

diagram



sd20111201:DepartmentIdentifier

namespace   urn:oio:sd:snitflader:2011.12.01

source   `<element name="DepartmentIdentifier" type="sd20111201:DepartmentIdentifierType"/>`

## simpleType **sd20111201:DepartmentIdentifierType**

namespace   urn:oio:sd:snitflader:2011.12.01

source   `<simpleType name="DepartmentIdentifierType">`
  `<restriction base="xsd:string"/>`
`</simpleType>`

## element **sd20111201:JobPositionIdentifier**

diagram

sd20111201:JobPositionIdentifier

namespace  urn:oio:sd:snitflader:2011.12.01

source  `<element name="JobPositionIdentifier" type="sd:JobPositionIdentifierType"/>`

## simpleType **sd20111201:JobPositionIdentifierType**

namespace  urn:oio:sd:snitflader:2011.12.01

source
```
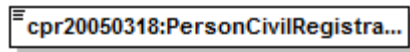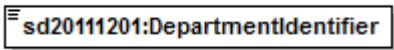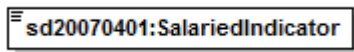<simpleType name="JobPositionIdentifierType">
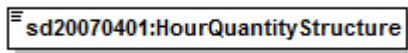 <restriction base="xsd:string"/>
</simpleType>
```

## element **sd20070401:SalariedIndicator**

diagram

sd20070401:SalariedIndicator

namespace  http://rep.oio.dk/sd.dk/xml.schema/20070401/

source  `<element name="SalariedIndicator" type="xsd:boolean"/>`

## element **sd20070401:HourQuantityStructure**

diagram

sd20070401:HourQuantityStructure

namespace  http://rep.oio.dk/sd.dk/xml.schema/20070401/

facets
minInclusive  0.00
fractionDigits  2

source  `<element name="HourQuantityStructure" type="sd:HourQuantityStructureType"/>`

## complexType **sd20070401:HourQuantityStructureType**

diagram

sd20070401:HourQuantityStructu...

namespace  http://rep.oio.dk/sd.dk/xml.schema/20070401/

facets | minInclusive | 0.00
 | fractionDigits | 2

source
```xml
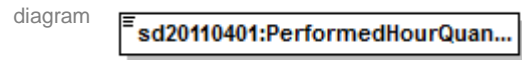<complexType name="HourQuantityStructureType">
  <simpleContent>
    <extension base="sd:_HourQuantityStructureType">
      <attribute name="periodCode" type="sd:_periodCodeType"/>
    </extension>
  </simpleContent>
</complexType>
```

simpleType **sd20070401:_HourQuantityStructureType**

namespace   http://rep.oio.dk/sd.dk/xml.schema/20070401/

facets | minInclusive | 0.00
 | fractionDigits | 2

source
```xml
<simpleType name="_HourQuantityStructureType">
  <restriction base="xsd:decimal">
    <fractionDigits value="2"/>
    <minInclusive value="0.00"/>
  </restriction>
</simpleType>
```

simpleType **sd20070401:_periodCodeType**

namespace   http://rep.oio.dk/sd.dk/xml.schema/20070401/

facets | enumeration | day
 | enumeration | week
 | enumeration | fortnight
 | enumeration | halfmonth
 | enumeration | month
 | enumeration | year

source
```xml
<simpleType name="_periodCodeType">
  <restriction base="xsd:string">
    <enumeration value="day"/>
    <enumeration value="week"/>
    <enumeration value="fortnight"/>
    <enumeration value="halfmonth"/>
    <enumeration value="month"/>
    <enumeration value="year"/>
  </restriction>
</simpleType>
```

element **sd20110401:PerformedHourQuantity**

diagram

sd20110401:PerformedHourQuan...

namespace http://rep.oio.dk/sd.dk/xml.schema/20110401/

facets
minInclusive 0.00
fractionDigits 2

source `<element name="PerformedHourQuantity" type="sd:PerformedHourQuantityType"/>`

simpleType **sd20110401:PerformedHourQuantityType**

namespace http://rep.oio.dk/sd.dk/xml.schema/20110401/

facets
minInclusive 0.00
fractionDigits 2

source
```
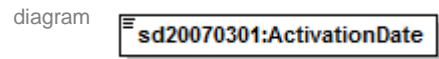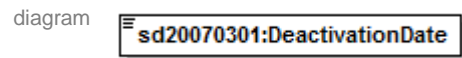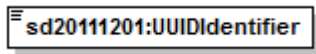<simpleType name="PerformedHourQuantityType">
  <restriction base="decimal">
    <fractionDigits value="2"/>
    <minInclusive value="0.00"/>
  </restriction>
</simpleType>
```

element **sd20070301:ActivationDate**

diagram

sd20070301:ActivationDate

namespace http://rep.oio.dk/sd.dk/xml.schema/20070301/

source `<element name="ActivationDate" type="xsd:date"/>`

element **sd20070301:DeactivationDate**

diagram

sd20070301:DeactivationDate

namespace http://rep.oio.dk/sd.dk/xml.schema/20070301/

source `<element name="DeactivationDate" type="xsd:date"/>`

element **sd20110401:CommentText**

diagram

sd20110401:CommentText

namespace   http://rep.oio.dk/sd.dk/xml.schema/20110401/

source   `<element name="CommentText" type="xsd:string"/>`

element **sd20111201:UUIDIdentifier**

diagram

sd20111201:UUIDIdentifier

namespace   urn:oio:sd:snitflader:2011.12.01

source   `<element name="UUIDIdentifier" type="sd20111201:UUIDIdentifierType"/>`

simpleType **sd20111201:UUIDIdentifierType**

namespace   urn:oio:sd:snitflader:2011.12.01

source   `<simpleType name="UUIDIdentifierType">`
    `<restriction base="xsd:string"/>`
   `</simpleType>`

Skema dokumentation : Output

Schema **SD_CreateEmploymentOutputInterface_20180101.xsd**

element **CreateEmployment20180101**

diagram
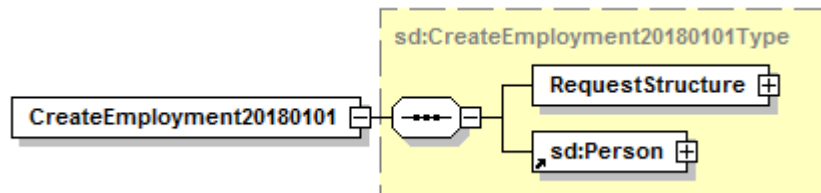
namespace   urn:oio:sd:snitflader:2018.01.01

source   <xsd:element name="CreateEmployment20180101" type="sd:CreateEmployment20180101Type"/>

complexType **CreateEmployment20180101Type**

diagram
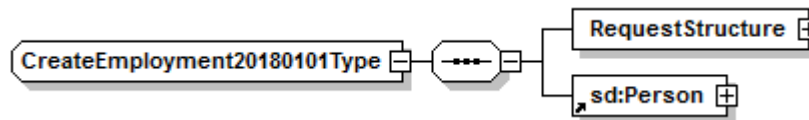
namespace   urn:oio:sd:snitflader:2018.01.01

source   <xsd:complexType name="CreateEmployment20180101Type">
            <xsd:sequence>
              <xsd:element name="RequestStructure" type="sd:CreateEmploymentInputType"/>
              <xsd:element ref="sd:Person"/>
            </xsd:sequence>
            <xsd:attribute name="creationDateTime" type="xsd:dateTime" use="required"/>
          </xsd:complexType>

element **CreateEmployment20180101Type/RequestStructure**

diagram

complexType **sd:CreateEmploymentInputType**

diagram

sd:CreateEmploymentInputType

sd20111201:InstitutionIdentifier

sd20170801:InstitutionUUIDIdentif...

cpr20050318:PersonCivilRegistra...

CivilRegistrationNumber (PNR)

Description:
Unique identification of a person

The Civil Registration System contains:
-Data on persons, who after 1968 April 2nd
Danish registry of citizens.
    As for Greenland the corresponding date is
1972 may 1st.
-Danish citizens living outside Denmark (who
must pay duty and ATP)
    has also been given a civil registration
number.
-Civil registration numbers are also assigned for
other administrative purposes.

Value space:
The civil registration number consists of two
parts.
The first part is the valid birthday in the form
DDMMYY.
The following part is a serial number of four
digits.
The civil registration number may also hold the
value 0000000000.
This value is used where the civil registration
number is required but unknown.

Lifecycle:
The civil registration number is generated and
assigned at birth, entry and change of civil
registration number of for administrative
reasons.
The civil registration number may be assigned
via hospitals.

The civil registration number is not to be
deleted.

Remarks:
1994 June 11th the civil registration number
was changed according to this description.

sd20111201:DepartmentIdentifier

sd20170801:DepartmentUUIDIden...

sd20111201:JobPositionIdentifier

sd20070401:SalariedIndicator

SalaryHourQuantity

sd20110401:PerformedHourQuan...

sd20070301:ActivationDate

sd20070301:DeactivationDate

sd20110401:CommentText

namespace   urn:oio:sd:snitflader:2018.01.01

source
```xml
<xsd:complexType name="CreateEmploymentInputType">
  <xsd:sequence>
    <xsd:choice>
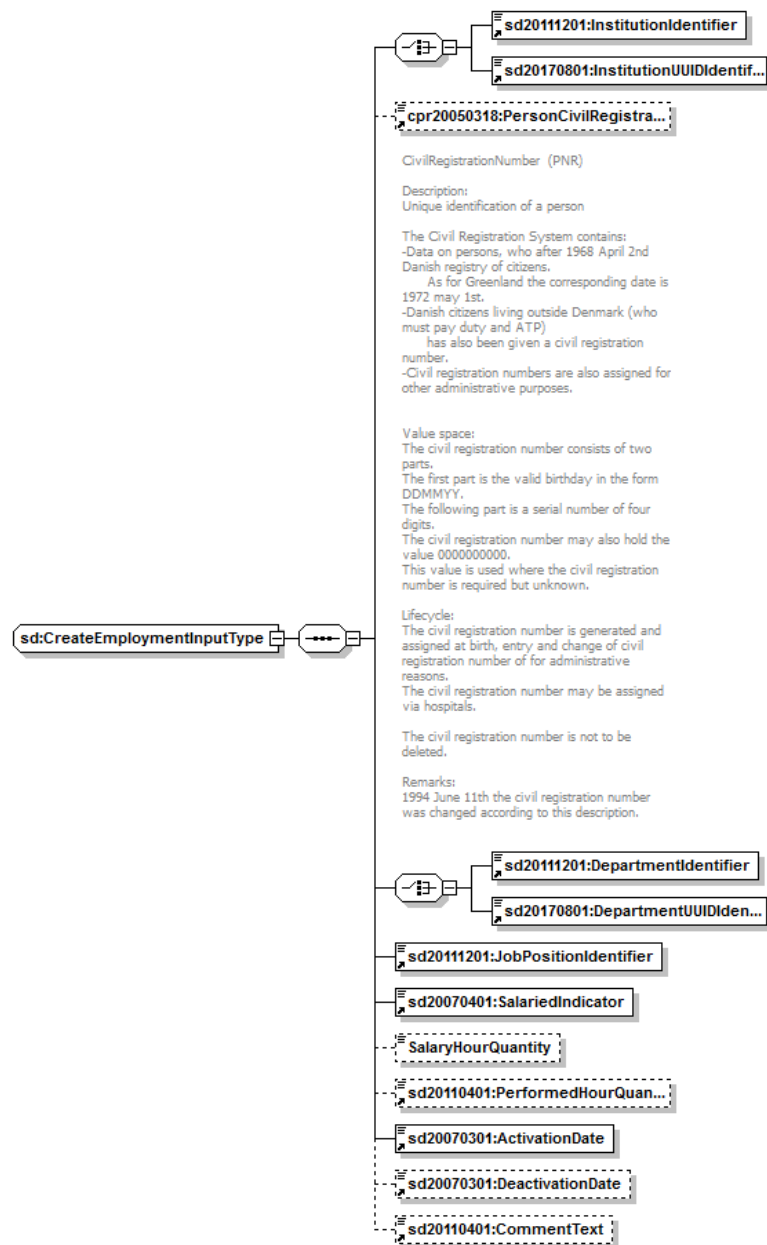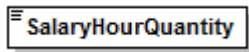      <xsd:element ref="sd20111201:InstitutionIdentifier"/>
      <xsd:element ref="sd20170801:InstitutionUUIDIdentifier"/>
    </xsd:choice>
    <xsd:element ref="cpr20050318:PersonCivilRegistrationIdentifier" minOccurs="0"/>
    <xsd:choice>
      <xsd:element ref="sd20111201:DepartmentIdentifier"/>
      <xsd:element ref="sd20170801:DepartmentUUIDIdentifier"/>
    </xsd:choice>
    <xsd:element ref="sd20111201:JobPositionIdentifier"/>
    <xsd:element ref="sd20070401:SalariedIndicator"/>
    <xsd:element name="SalaryHourQuantity" type="sd20070401:HourQuantityStructureType" minOccurs="0"/>
    <xsd:element ref="sd20110401:PerformedHourQuantity" minOccurs="0"/>
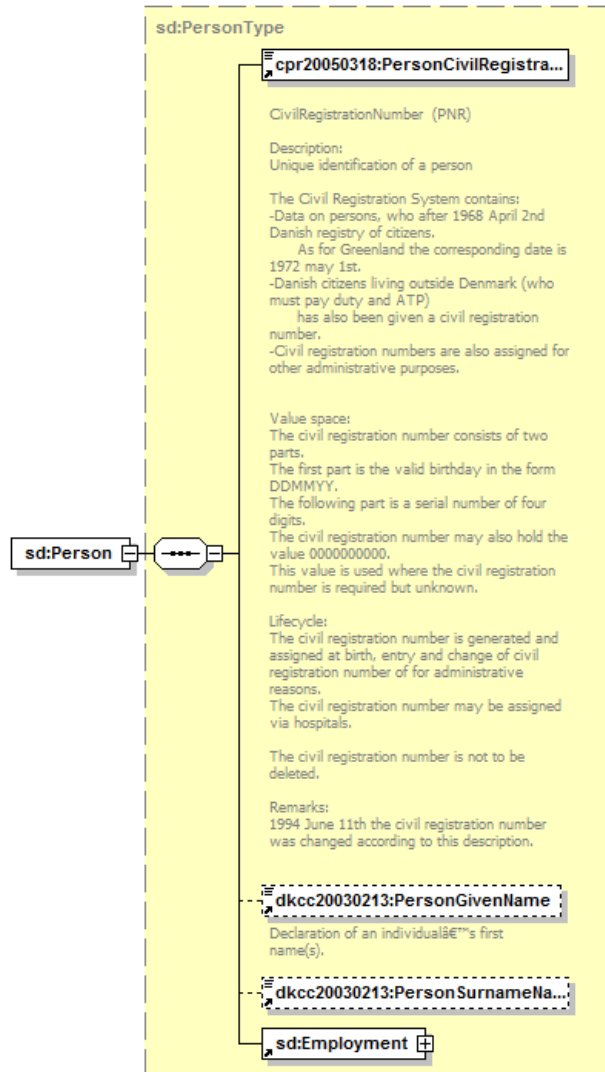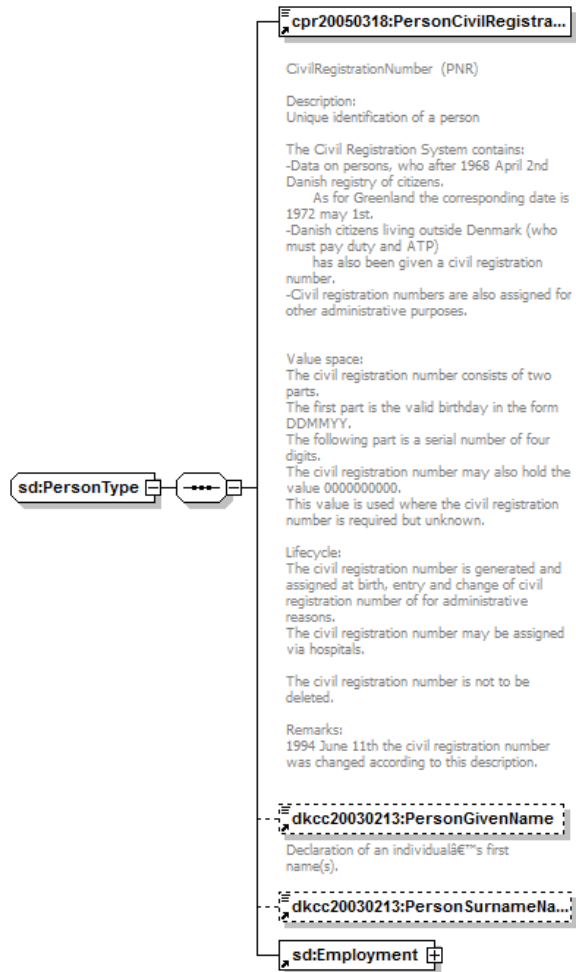    <xsd:element ref="sd20070301:ActivationDate"/>
    <xsd:element ref="sd20070301:DeactivationDate" minOccurs="0"/>
    <xsd:element ref="sd20110401:CommentText" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

element **sd:CreateEmploymentInputType/SalaryHourQuantity**

diagram

namespace   urn:oio:sd:snitflader:2018.01.01

facets
minInclusive	0.00
fractionDigits	2

source
```xml
<xsd:element name="SalaryHourQuantity" type="sd20070401:HourQuantityStructureType" minOccurs="0"/>
```

element **sd:Person**

diagram

sd:PersonType

cpr20050318:PersonCivilRegistra...

CivilRegistrationNumber (PNR)

Description:
Unique identification of a person

The Civil Registration System contains:
-Data on persons, who after 1968 April 2nd
Danish registry of citizens.
     As for Greenland the corresponding date is
1972 may 1st.
-Danish citizens living outside Denmark (who
must pay duty and ATP)
     has also been given a civil registration
number.
-Civil registration numbers are also assigned for
other administrative purposes.

Value space:
The civil registration number consists of two
parts.
The first part is the valid birthday in the form
DDMMYY.
The following part is a serial number of four
digits.
The civil registration number may also hold the
value 0000000000.
This value is used where the civil registration
number is required but unknown.

Lifecycle:
The civil registration number is generated and
assigned at birth, entry and change of civil
registration number of for administrative
reasons.
The civil registration number may be assigned
via hospitals.

The civil registration number is not to be
deleted.

Remarks:
1994 June 11th the civil registration number
was changed according to this description.

sd:Person

dkcc20030213:PersonGivenName

Declaration of an individualâ€™s first
name(s).

dkcc20030213:PersonSurnameNa...

sd:Employment

namespace   urn:oio:sd:snitflader:2018.01.01

source   <xsd:element name="Person" type="sd:PersonType"/>

complexType **sd:PersonType**

diagram

namespace   urn:oio:sd:snitflader:2018.01.01

source   `<xsd:complexType name="PersonType">`
  `<xsd:sequence>`
    `<xsd:element ref="cpr20050318:PersonCivilRegistrationIdentifier"/>`
    `<xsd:element ref="dkcc20030213:PersonGivenName" minOccurs="0"/>`
    `<xsd:element ref="dkcc20030213:PersonSurnameName" minOccurs="0"/>`
    `<xsd:element ref="sd:Employment"/>`

```
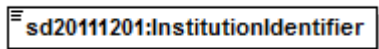            </xsd:sequence>
        </xsd:complexType>
```

element **sd20170801:InstitutionUUIDIdentifier**

diagram

sd20170801:InstitutionUUIDIdentif...

namespace   urn:oio:sd:snitflader:2017.08.01

source   `<xsd:element name="InstitutionUUIDIdentifier" type="sd20111201:UUIDIdentifierType"/>`

element **sd20111201:InstitutionIdentifier**

diagram

sd20111201:InstitutionIdentifier

namespace   urn:oio:sd:snitflader:2011.12.01

source   `<xsd:element name="InstitutionIdentifier" type="sd20111201:InstitutionIdentifierType"/>`

simpleType **sd20111201:InstitutionIdentifierType**

namespace   urn:oio:sd:snitflader:2011.12.01

source   `<xsd:simpleType name="InstitutionIdentifierType">`
`  <xsd:restriction base="xsd:string"/>`
`</xsd:simpleType>`

element **cpr20050318:PersonCivilRegistrationIdentifier**

diagram

cpr20050318:PersonCivilRegistra...

CivilRegistrationNumber (PNR)

Description:
Unique identification of a person

The Civil Registration System contains:
-Data on persons, who after 1968 April 2nd
Danish registry of citizens.
    As for Greenland the corresponding date is
1972 may 1st.
-Danish citizens living outside Denmark (who
must pay duty and ATP)
    has also been given a civil registration
number.
-Civil registration numbers are also assigned for
other administrative purposes.

Value space:
The civil registration number consists of two
parts.
The first part is the valid birthday in the form
DDMMYY.
The following part is a serial number of four
digits.
The civil registration number may also hold the
value 0000000000.
This value is used where the civil registration
number is required but unknown.

Lifecycle:
The civil registration number is generated and
assigned at birth, entry and change of civil
registration number of for administrative
reasons.
The civil registration number may be assigned
via hospitals.

The civil registration number is not to be
deleted.

Remarks:
1994 June 11th the civil registration number
was changed according to this description.

namespace   http://rep.oio.dk/cpr.dk/xml/schemas/core/2005/03/18/

facets   pattern   ((((0[1-9]|1[0-9]|2[0-9]|3[0-1])(01|03|05|07|08|10|12))|((0[1-9]|1[0-9]|2[0-9]|30)(04|06|09|11))|((0[1-9]|1[0-9]|2[0-9])(02)))[0-9]{6})|0000000000

source   `<xsd:element name="PersonCivilRegistrationIdentifier" type="cpr:PersonCivilRegistrationIdentifierType">`
      `</xsd:element>`

simpleType **cpr20050318:PersonCivilRegistrationIdentifierType**

namespace   http://rep.oio.dk/cpr.dk/xml/schemas/core/2005/03/18/

facets   pattern   ((((0[1-9]|1[0-9]|2[0-9]|3[0-1])(01|03|05|07|08|10|12))|((0[1-9]|1[0-9]|2[0-9]|30)(04|06|09|11))|((0[1-9]|1[0-9]|2[0-9])(02)))[0-9]{6})|0000000000

source   `<xsd:simpleType name="PersonCivilRegistrationIdentifierType">`
    `<xsd:restriction base="string">`
    `<xsd:pattern value="((((0[1-9]|1[0-9]|2[0-9]|3[0-1])(01|03|05|07|08|10|12))|((0[1-9]|1[0-9]|2[0-9]|30)(04|06|09|11))|((0[1-9]|1[0-9]|2[0-9])(02)))[0-9]{6})|0000000000"/>`
    `</xsd:restriction>`
  `</xsd:simpleType>`

element **sd20170801:DepartmentUUIDIdentifier**

diagram

namespace   urn:oio:sd:snitflader:2017.08.01

source   `<xsd:element name="DepartmentUUIDIdentifier" type="sd20111201:UUIDIdentifierType"/>`

element **sd20111201:DepartmentIdentifier**

diagram

namespace   urn:oio:sd:snitflader:2011.12.01

source   `<xsd:element name="DepartmentIdentifier" type="sd20111201:DepartmentIdentifierType"/>`

simpleType **sd20111201:DepartmentIdentifierType**

namespace   urn:oio:sd:snitflader:2011.12.01

source   `<xsd:simpleType name="DepartmentIdentifierType">`
    `<xsd:restriction base="xsd:string"/>`
  `</xsd:simpleType>`

element **sd20111201:JobPositionIdentifier**

diagram

sd20111201:JobPositionIdentifier

namespace   urn:oio:sd:snitflader:2011.12.01

source   `<xsd:element name="JobPositionIdentifier" type="sd:JobPositionIdentifierType"/>`

simpleType **sd20111201:JobPositionIdentifierType**

namespace   urn:oio:sd:snitflader:2011.12.01

source   `<xsd:simpleType name="JobPositionIdentifierType">`
    `<xsd:restriction base="xsd:string"/>`
  `</xsd:simpleType>`

element **sd20070401:SalariedIndicator**

diagram

sd20070401:SalariedIndicator

namespace   http://rep.oio.dk/sd.dk/xml.schema/20070401/

source   `<xsd:element name="SalariedIndicator" type="xsd:boolean"/>`

element **sd20070401:HourQuantityStructure**

diagram

sd20070401:HourQuantityStructure

namespace   http://rep.oio.dk/sd.dk/xml.schema/20070401/

facets   minInclusive   0.00
            fractionDigits   2

source   `<xsd:element name="HourQuantityStructure" type="sd:HourQuantityStructureType"/>`

complexType **sd20070401:HourQuantityStructureType**

diagram

sd20070401:HourQuantityStructu...

namespace   http://rep.oio.dk/sd.dk/xml.schema/20070401/

facets	minInclusive	0.00
	fractionDigits	2

source
```xml
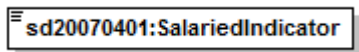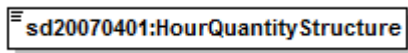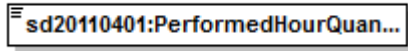<xsd:complexType name="HourQuantityStructureType">
  <xsd:simpleContent>
    <xsd:extension base="sd:_HourQuantityStructureType">
      <xsd:attribute name="periodCode" type="sd:_periodCodeType"/>
    </xsd:extension>
  </xsd:simpleContent>
</xsd:complexType>
```

simpleType **sd20070401:_HourQuantityStructureType**

namespace http://rep.oio.dk/sd.dk/xml.schema/20070401/

facets	minInclusive	0.00
	fractionDigits	2

source
```xml
<xsd:simpleType name="_HourQuantityStructureType">
  <xsd:restriction base="xsd:decimal">
    <xsd:fractionDigits value="2"/>
    <xsd:minInclusive value="0.00"/>
  </xsd:restriction>
</xsd:simpleType>
```

simpleType **sd20070401:_periodCodeType**

namespace http://rep.oio.dk/sd.dk/xml.schema/20070401/

facets	enumeration	day
	enumeration	week
	enumeration	fortnight
	enumeration	halfmonth
	enumeration	month
	enumeration	year

source
```xml
<xsd:simpleType name="_periodCodeType">
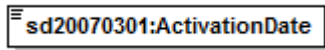  <xsd:restriction base="xsd:string">
    <xsd:enumeration value="day"/>
    <xsd:enumeration value="week"/>
    <xsd:enumeration value="fortnight"/>
    <xsd:enumeration value="halfmonth"/>
    <xsd:enumeration value="month"/>
    <xsd:enumeration value="year"/>
  </xsd:restriction>
</xsd:simpleType>
```

element **sd20110401:PerformedHourQuantity**

diagram

namespace http://rep.oio.dk/sd.dk/xml.schema/20110401/

facets
minInclusive 0.00
fractionDigits 2

source `<xsd:element name="PerformedHourQuantity" type="sd:PerformedHourQuantityType"/>`

simpleType **sd20110401:PerformedHourQuantityType**

namespace http://rep.oio.dk/sd.dk/xml.schema/20110401/

facets
minInclusive 0.00
fractionDigits 2

source `<xsd:simpleType name="PerformedHourQuantityType">`
`  <xsd:restriction base="decimal">`
`    <xsd:fractionDigits value="2"/>`
`    <xsd:minInclusive value="0.00"/>`
`  </xsd:restriction>`
`</xsd:simpleType>`

element **sd20070301:ActivationDate**

diagram

namespace http://rep.oio.dk/sd.dk/xml.schema/20070301/

source `<xsd:element name="ActivationDate" type="xsd:date"/>`

element **sd20070301:DeactivationDate**

diagram

namespace http://rep.oio.dk/sd.dk/xml.schema/20070301/

source `<xsd:element name="DeactivationDate" type="xsd:date"/>`

element **sd20110401:CommentText**

diagram

namespace   http://rep.oio.dk/sd.dk/xml.schema/20110401/

source   `<xsd:element name="CommentText" type="xsd:string"/>`

element **sd:Employment**

diagram

namespace   urn:oio:sd:snitflader:2018.01.01

source   `<xsd:element name="Employment" type="sd:EmploymentType"/>`

complexType **sd:EmploymentType**

diagram

namespace   urn:oio:sd:snitflader:2018.01.01

source
```
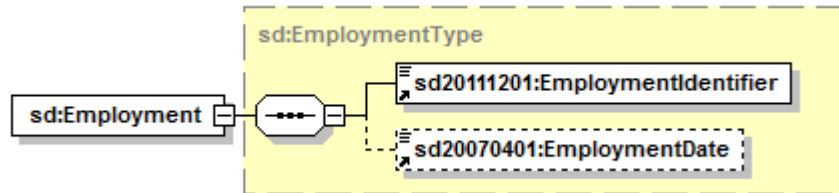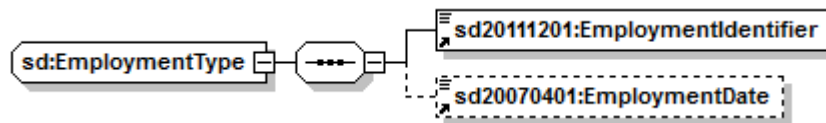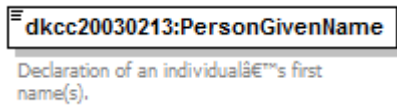<xsd:complexType name="EmploymentType">
  <xsd:sequence>
    <xsd:element ref="sd20111201:EmploymentIdentifier"/>
    <xsd:element ref="sd20070401:EmploymentDate" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

element **dkcc20030213:PersonGivenName**

diagram

Declaration of an individualâ€™s first name(s).

namespace http://rep.oio.dk/ebxml/xml/schemas/dkcc/2003/02/13/

facets   minLength 1
         maxLength 50

source
```
<xsd:element name="PersonGivenName" type="dkcc:PersonGivenNameType">
  <xsd:annotation>
    <xsd:documentation>Declaration of an individualâ€™s first name(s).</xsd:documentation>
  </xsd:annotation>
</xsd:element>
```

simpleType **dkcc20030213:PersonGivenNameType**

namespace http://rep.oio.dk/ebxml/xml/schemas/dkcc/2003/02/13/

facets   minLength 1
         maxLength 50

source
```
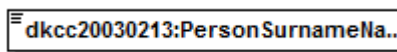<xsd:simpleType name="PersonGivenNameType">
  <xsd:restriction base="string">
    <xsd:minLength value="1"/>
    <xsd:maxLength value="50"/>
  </xsd:restriction>
</xsd:simpleType>
```

element **dkcc20030213:PersonSurnameName**

diagram

namespace http://rep.oio.dk/ebxml/xml/schemas/dkcc/2003/02/13/

facets   minLength 1
         maxLength 40

source `<xsd:element name="PersonSurnameName" type="dkcc:PersonSurnameNameType"/>`

simpleType **dkcc20030213:PersonSurnameNameType**

namespace http://rep.oio.dk/ebxml/xml/schemas/dkcc/2003/02/13/

| facets | minLength | 1 |
| | maxLength | 40 |

source `<xsd:simpleType name="PersonSurnameNameType">`
  `<xsd:annotation>`
    `<xsd:documentation>Declaration of an individuals surname.</xsd:documentation>`
  `</xsd:annotation>`
  `<xsd:restriction base="string">`
    `<xsd:minLength value="1"/>`
    `<xsd:maxLength value="40"/>`
  `</xsd:restriction>`
`</xsd:simpleType>`

element **sd20111201:UUIDIdentifier**
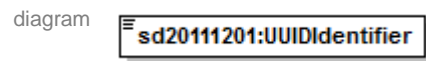
diagram

namespace urn:oio:sd:snitflader:2011.12.01

source `<xsd:element name="UUIDIdentifier" type="sd20111201:UUIDIdentifierType"/>`

simpleType **sd20111201:UUIDIdentifierType**

namespace urn:oio:sd:snitflader:2011.12.01

source `<xsd:simpleType name="UUIDIdentifierType">`
  `<xsd:restriction base="xsd:string"/>`
`</xsd:simpleType>`

element **sd20111201:EmploymentIdentifier**
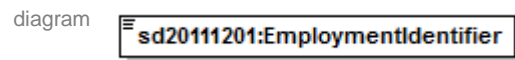
diagram

namespace urn:oio:sd:snitflader:2011.12.01

source `<xsd:element name="EmploymentIdentifier" type="sd20111201:EmploymentIdentifierType"/>`

simpleType **sd20111201:EmploymentIdentifierType**

namespace urn:oio:sd:snitflader:2011.12.01

source `<xsd:simpleType name="EmploymentIdentifierType">`
  `<xsd:restriction base="xsd:string"/>`
`</xsd:simpleType>`

element **sd20070401:EmploymentDate**

diagram

namespace   http://rep.oio.dk/sd.dk/xml.schema/20070401/

source   `<xsd:element name="EmploymentDate" type="xsd:date"/>`